

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application and annexed to the International Preliminary Examination Report:

1. (currently amended) Method of producing a photoelectric transducer, having the steps of:

- providing a spacer (7) with a recess in a rigid material;
- mounting the spacer (7) on a board (8) bearing at least an optical sensor (9) in such a way that the optical sensor (9) is located in the recess;
- filling at least part of the recess with an optical glue (11), and
- hardening the optical glue (11),

wherein the width of the recess is such large that after hardening the surface of the optical glue (11) is plane at least above the optical sensor (9).

2. (currently amended) Photoelectric transducer, including a spacer (7) with a recess in a rigid material, the spacer (7) being mounted on a board (8) bearing at least an optical sensor (9) in such a way that the optical sensor (9) is located in the recess, at least part of the recess being filled with an optical glue (11), ~~characterized in that~~ , wherein the width of the recess is such large that the surface of the hardened optical glue (11) is plane at least above the optical sensor (9).

3. (currently amended) Optical pick up suitable for reading an optical disc, comprising:

- a photoelectric transducer according to claim 2, and
- an optical body (1) with means for transmitting at least one light ray to the optical sensor (9) through the optical glue (11), the spacer (7) of the photoelectric transducer being fastened to the optical body (1).

4. (currently amended) Optical pick up according to claim 3, ~~characterized in that~~ wherein the wall (14) of the spacer (7) defining the recess is perpendicular to the board (8).

5. (currently amended) Optical pick up according to claim 4, ~~characterized in that~~
wherein it uses at least two light rays, and at least two optical sensors ~~(9a, 9b)~~ on the
board ~~(8)~~ each designed to receive one light ray, the spacing ~~(E3)~~ between the centers
of the optical sensors being the same as the spacing ~~(F3)~~ between the corresponding
light rays ~~(R1 and R2)~~ at the surface of the optical glue ~~(11)~~.

6. (currently amended) Optical pick up according to ~~one of claims 3 to 5,~~
~~characterized in that~~ claim 3, wherein the spacer ~~(7)~~ and the optical body ~~(1)~~ are
produced in the same material.